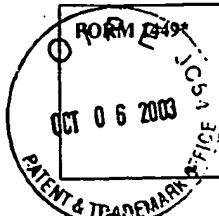


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Sheet 1 of 4



FORM 1449
INFORMATION DISCLOSURE STATEMENT
IN AN APPLICATION
(Use several sheets if necessary)

Docket Number: 12152.70USDI
Application Number: 10/612,215

Applicant: UCKUN ET AL.

Filing Date: 07/02/2003

Group Art Unit: UNKNOWN

1653

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>DL</i>	5,883,121	03/16/1999	Yamashita et al.			
<i>DL</i>	6,605,589 B1	08/12/2003	Uckun et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
<i>DL</i>	WO 98/49190	11/05/1998	PCT			
<i>DL</i>	WO 01/44464	06/21/2001	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>DL</i>		Andreasen G. (1993) Electroporation As a Technique for the Transfer of Macromolecules into Mammalian Cell Lines. <i>J. Tiss. Cult. Meth.</i> , 15, 56-62				
<i>DL</i>		Baldwin E, Bhat T, Gulnik S, Hosur M, Sowder II R, Cachau R, Collins J, Silva A, (1993). Crystal structures of native and inhibited forms of human cathepsin D: Implications for lysosomal targeting and drug design. <i>Proc. Natl. Acad. Sci.</i> , 90: 6796-6800				
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<i>DL</i>		Chisholm V.. (1995). High efficiency gene transfer into mammalian cells. <i>DNA Cloning IV: A Practical Approach</i> , Mammalian Systems, Glover and Hanes, eds., pp 1-41				
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<i>DL</i>		Duffy MJ (1992). The role of proteolytic enzymes in cancer invasion and metastasis. <i>Clin Exp Metastasis</i> 10: 145-155.				

EXAMINER	<i>David Lukan</i>	DATE CONSIDERED	6-22-05
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Sheet 2 of 4

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>		Docket Number: 12152.70USDI	Application Number: 10/612,215
		Applicant: UCKUN ET AL.	
		Filing Date: 07/02/2003	Group Art Unit: UNKNOWN

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<i>DL</i>	<i>DL</i>	Fearnhead HO, Dinsdale D, Cohen GM (1995). An interleukin-1 beta-converting enzyme-like protease is a common mediator of apoptosis in thymocytes. <i>FEBS Lett</i> 375: 283-288.
<i>DL</i>	<i>DL</i>	Friedrich B, Jung K, Lein M, Turk I, Rudolph B, Mampel G, Schnorr D, and Loening SA (1999). Cathepsin B, H, L and cysteine protease inhibitors in malignant prostate cell lines, primary cultured prostatic cells and prostatic tissue. <i>Eur J Cancer</i> 35: 138-144.
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<i>DL</i>	<i>DL</i>	Green DR, Reed JC (1998). Mitochondria and apoptosis. <i>Science</i> 281: 1309-1312.
<i>DL</i>	<i>DL</i>	Guitierrez MI, Cherney B, Hussain A, Mostowski H, Tosato G, Magrath I, Bhatia K (1999). Bax is frequently compromised in Burkitt's lymphomas with irreversible resistance to Fas-induced apoptosis. <i>Cancer Res</i> 59: 696-703.
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<i>DL</i>	<i>DL</i>	Kao F, Puck T. (1968). Genetics of Somatic Mammalian Cells, VII. Induction and Isolation of Nutritional Mutants in Chinese Hamster Cells. <i>Proc. Natl. Acad. Sci. USA</i> , 60, 1275-1281
<i>DL</i>	<i>DL</i>	Keppler D, Sameni M, Moin K, Mikkelsen T, Diglio C, and Sloane B (1996). Tumor progression and angiogenesis: cathepsin B & Co. <i>Biochem Cell Biol</i> 74: 799-810.
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EXAMINER	<i>David Lubben</i>	DATE CONSIDERED
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6-22-05

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Sheet 3 of 4

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FORM 1449* O I P E INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION OCT 06 2003 (Use several sheets if necessary)		Docket Number: 12152.70USDI	Application Number: 10/612,215
		Applicant: UCKUN ET AL.	
		Filing Date: 07/02/2003	Group Art Unit: UNKNOWN
<p>Li P, Nijhawan D, Budihardjo I, Srinivasula SM, Ahmad M, Alnemri E, Wang X (1997). Cytochrome c and dATP-dependent formation of Apaf-1/caspase-9 complex initiates an apoptotic protease cascade. <i>Cell</i> 91: 479-489.</p> <p>Lowe SW, Ruley HE, Jacks T, Housman DE (1993). p53-dependent apoptosis modulates the cytotoxicity of anticancer agents. <i>Cell</i> 74: 957-967.</p> <p>Lowe SW, Schmitt EM, Smith SW, Osborne BA, Jacks T (1993b). p53 is required for radiation-induced apoptosis in mouse thymocytes. <i>Nature</i> 362: 847-849.</p> <p>Magi-Galluzzi C, Montironi R, Cangi MG, Wishnow K, Loda M (1998). Mitogen-activated protein kinases and apoptosis in PIN. <i>Virchows Arch</i> 432: 407-413.</p> <p>Makarewicz R, Drewa G, Szymanski W, and Skonieczna-Makarewicz I (1995). Cathepsin B in predicting the extent of the cervix carcinoma. <i>Neoplasma</i> 42: 21-24.</p> <p>Meijerink JP, Mensink EJ, Wang K, Sedlak TW, Sloetjes AW, de Witte T, Waksman G, Korsmeyer SJ (1998). Hematopoietic malignancies demonstrate loss-of-function mutations of BAX. <i>Blood</i> 91: 2991 - 2997.</p> <p>Memon SA, Moreno MB, Petrak D, Zacharchuk CM (1995). Bcl-2 blocks glucocorticoid - but not as Fas - or activation- induced apoptosis in a T cell hybridoma. <i>J Immunol</i> 155: 4644-4652.</p> <p>Mizuuchi T, Yee S-T, Kasai M, Kakiuchi T, Munoz D, Kominami E (1994). Both cathepsin B and cathepsin D are necessary for processing of ovalbumin as well as for degradation of class II MHC invariant chain. <i>Immunol. Lett.</i>, 43: 189-193</p> <p>Myers D, Jun X, Waddick K, Forsyth C, Chelstrom L, Gunther R, Turner N, Bolen J, Uckun F. (1995). Membrane-associated CD19-LYN complex is an endogenous p53-independent and Bcl-2-independent regulator of apoptosis in human B-lineage lymphoma cells. <i>Proc. Natl. Acad. Sci. USA</i>, 92: 9575-9579</p> <p>Mort JS, and Buttle DJ. Cathepsin B (1997). <i>Int J Biochem Cell Biol</i> 29: 715-720.</p> <p>Peller S (1998). Clinical implications of p53: effect on prognosis, tumor progression and chemotherapy response. <i>Cancer Biol.</i> 8: 379-387.</p> <p>Pronk GJ, Ramer K, Amiri P, Williams LT (1996). Requirement of an ICE-like protease for induction of apoptosis and ceramide generation by REAPER. <i>Science</i> 271: 808-810.</p> <p>Roberts LR, Kurosawa H, Bronk SF, Fesmier PJ, Agellon LB, Leung W-Y, Mao F, and Gores GJ (1997). <i>Gastroenterology</i> 113: 1714-1726.</p> <p>Rooprai HK, and McCormick D (1997). Proteases and their inhibitors in human brain tumors: a review. <i>Anticancer Res</i> 17: 4151-4162.</p> <p>Sameni M, Elliott E, Ziegler G, Fortgens PH, Dennison C and Sloane BF (1995). Cathepsin B and cathepsin D are localized at the surface of human breast cancer cells. <i>Pathol Oncol Res</i> 1: 43-53.</p> <p>Schlegel J, Peters I, Orrenius S, Miller DK, Thormberry NA, Yamin TT, Nicholson DW (1996). CPP32/apopain is a key interleukin 1 beta converting enzyme-like protease involved in Fas-mediated apoptosis. <i>J Biol Chem</i> 271: 1841-1844.</p> <p>Shibata M, Kanamori S, Isahara K, Ohsawa Y, Konishi A, Kameyama S, Watanabe T, Ebisu S, Ishido K, Kominami E, and Uchiyama Y (1998). Participation of cathepsins B and D in apoptosis of PC12 cells following serum deprivation. <i>Biochem Biophys Res Commun</i> 251: 199-203.</p>			

EXAMINER

David Laken

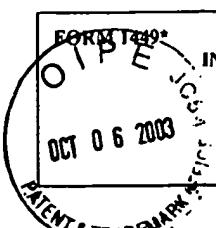
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	Applicant: UCKUN ET AL.	Filing Date: 07/02/2003 Group Art Unit: UNKNOWN

<i>DL</i>	Sivaparvathi et al., "Expression of cathepsin D during the progression of human gliomas," <i>Neurosci Lett.</i> , Vol. 208, pp. 171-174 (1996)
<i>DL</i>	Slee EA, Zhu H, Chow SC, MacFarlane M, Nicholson DW, Cohen GM (1996). Benzyloxycarbonyl-Val-Ala-Asp (OMe) fluoromethylketone (Z-VAD.FMK) inhibits apoptosis by blocking the processing of CPP32. <i>Biochem J</i> 315: 21-24.
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<i>DL</i>	Soderstrom, K-O. et al., "Expression of Acid Cysteine Proteinase Inhibitor (ACPI) in the Normal Human Prostate, Benign Prostatic Hyperplasia and Adenocarcinoma," <i>In. J. Cancer</i> , Vol. 62, pp. 1-4 (1995)
<i>DL</i>	Strohmaier AR, Porwol T, Acker H, and Spiess E (1997). Tomography of cells by confocal laser scanning microscopy and computer-assisted three-dimensional image reconstruction: localization of cathepsin B in tumor cells penetrating collagen gels <i>in vitro</i> . <i>J Histochem Cytochem</i> 45: 975-983.
<i>DL</i>	Summers M, Smith G (1987). A Manual of Methods for Baculovirus Vectors and Insect Cell Culture Procedures. <i>Texas Agriculture Experiment Station Bulletin</i> , 1555
<i>DL</i>	Thornberry NA, Lazebnik Y (1998). Caspases: enemies within. <i>Science</i> 281: 1312-1316.
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<i>DL</i>	Vasilakos JP, Ghayur T, Carroll RT, Giegel DA, Saunders JM, Quintal L, Keane KM, Shivers BD (1995). IL-1 beta converting enzyme (ICE) is not required for apoptosis induced by lymphokine deprivation in an IL-2 dependent T cell line. <i>J Immunol</i> 155(7): 3433-3442.
<i>DL</i>	Weiss RE, Liu BC, Ahlering T, and Dubeau MJ (1990). Mechanism of human bladder tumor invasion: role of protease cathepsin B. <i>J Urol</i> 144: 798-804.
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<i>DL</i>	Yan S, Sameni M. and Sloane BF (1998). Cathepsin B and human tumor progression. <i>Biol Chem</i> 379: 113-123.
<i>DL</i>	Zhu D-M, Fang W-H, Narla R-K, and Uckun FM (1999). A requirement for protein kinase C inhibition for calcium-triggered apoptosis in Acute lymphoblastic leukemia cells. <i>Clin Can Res</i> 5: 355-360.
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EXAMINER	<i>David L. Hukkanen</i>	DATE CONSIDERED	<i>6-22-05</i>	23552
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